

MxVision AviationSentry® 4.2

Quick Reference Card

Lightning Data



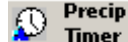
Lightning data is an add-on service that can be overlaid on radar products. Lightning strokes in a specified area can also be monitored.

Display lightning data by loading a radar or satellite data product. Then, click the **Lightning** icon. Settings for the lightning data including the time span and range rings are adjusted under the **Lightning Alarm** tab of **MxVision AviationSentry Settings**.

Lightning Manager® can monitor the strokes within an advisory and warning range. Set up the range and alarm settings in **MxVision AviationSentry Settings**. Then, anytime a stroke occurs within one of the ranges a visual or audio alert will appear notifying you of the stroke.

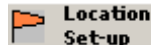
Note: For more information on setting up lightning data are available in the "Show Me How" Lightning tutorial in the help file.

PrecipTimer™



Determine starting and ending times for precipitation events at locations you specify using this patent-pending feature.

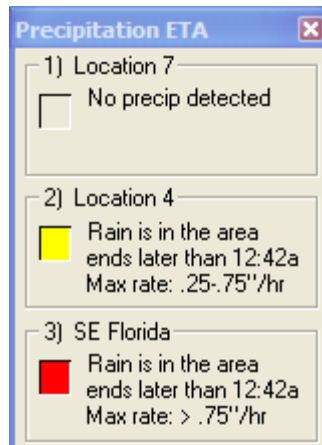
Create a location:



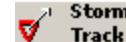
1. Display a radar or satellite product.
2. Click the **Location Set-up** icon.
3. Move the mouse to the location and left-click.
4. Enter the location name.
5. Click Create.

Click the **PrecipTimer** icon to display the **Precipitation ETA** window. This window will display the starting time, ending time, precipitation type, and maximum rate.

Note: For more information on setting up the PrecipTimer, see the "Show Me How" PrecipTimer tutorial in the help file for more details.



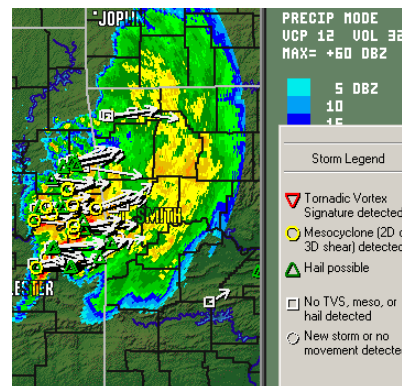
Storm Tracking



Locate storms and view their attributes, speed, and direction, as well as locations or cities in their path.

1. Choose a local radar from the Radar selection button.
2. Click the **Storm** icon on the toolbar. Symbols will appear on any storm being tracked.
3. Click the storm symbol on the storm cell of interest.
4. The storm track window will appear. Under **City List** the locations in the path will appear along with the estimated arrival time. Under **Storm Properties**, a variety of parameters for the storm (i.e. hail, speed, direction of movement) will appear.

Note: For a storm to be tracked, the storm cell must meet the storm filter currently in effect. See the "Show Me How" Storm Tracking tutorial in the help file for more



Toolbar Icons



Activate Alert Manager™



View Watches and Warnings



Display Storm Tracking Symbols



Display Lightning Data



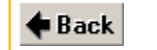
Activate PrecipTimer™



Set PrecipTimer Locations



Measure Distances



Go to Previous Level



Play



Pause



Stop



Back Frame



Forward Frame



meteorlogix®

when weather means business®

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Airport Brief™

Use Airport Brief to view aviation weather reports for specific airports and surrounding areas.

1. Click the Airport Brief selection button.
2. Enter the four-letter identifier for up to six airports under **Stations**. If you do not know the four-letter identifier, click Find to look up the identifier for a station. Select the airport from **Select Issue Station** and click OK.
3. Select the desired aviation reports to view under **Reports**. Any report with a check mark will be included.
4. In the lower left corner select the radius around the airport to include reports. The maximum radius is 100 nautical miles.
5. Click View Briefing.

FAA NOTAMs

Use FAA NOTAMs to access TFRs, FAA NOTAMs, and Meteorlogix® partner Web sites.

1. Click the FAA NOTAMs selection button.
2. The FAA NOTAMs Web site will open in an Internet browser within MxVision AviationSentry.
3. Other Web sites can be accessed by using the drop down menu at the top of the browser.
4. If a Web site is not displayed after clicking FAA NOTAMs, check your Internet connection. You must have an Internet connection to use this feature. If you have any questions, contact Meteorlogix at <http://meteorlogix.custhelp.com>.

Route Brief™

Access weather reports along your flight route.

1. Click the Route Brief selection button.
2. Enter the four-letter identifier for the departure airport in **Departure Station** and click Add.
3. Enter the four-letter identifier for the destination airport in the **Next Station** field and click Add.
4. Add an airport along the route by entering the airport in **Next Station** and clicking Insert Station.
5. Choose the weather reports to include in the briefing under **Select Enroute Weather Types and Sample Distance**. The default is all reports.
6. Select the interval at which to sample data for your route. For example, if you select 50 for a 200-mile long route, reports will be included for airports at 50, 100, and 150 miles.
7. Fuel burn calculations can be made under **Fuel Planner Parameters**. Enter the air speed in **True Air Speed** and the burn rate in **Fuel Burn Rate**. The results will appear in the table.
8. Click View Briefing to see the weather briefing.

Cloud Tops

View cloud top heights using your mouse.

1. Display an infrared satellite image by clicking the Satellite selection button and choosing an infrared satellite region.
2. Move the mouse over the clouds on the image.
3. The color-coded height of the cloud top will appear in the Info Box below the Auxiliary Buttons.
4. A legend will also appear describing the colors in the image.

Contact Information Service:

<http://meteorlogix.custhelp.com>

Sales:

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